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NO. 8651 P. 2

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**PATENT**

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**Conveyance Type**

- ☒ Assignment  
☐ License  
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☐ Other:

**Conveying Party(ies)**

1. Li Ding
2. James Edward Nuttall
- 3.
- 4.
- 5.
- 6.

**Execution Date(s)**

April 15, 2002  
April 16, 2002

☐ Mark if Additional Names of Conveying Parties Attached**Receiving Party**

Name Shimadzu Research Laboratory (Europe) Ltd.  
Name  
Address Wharfside  
Address Trafford Warf Road  
Address Manchester United Kingdom  
City State/Country

M17 1GP  
Zip Code

☐ Mark if Additional Names of Receiving Parties Attached**Correspondent Name and Address**

Pamela J. Ruschau, 34.242  
Leydig, Volt & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
Chicago, Illinois 60601-6780

Telephone: (312) 616-5600  
Facsimile: (312) 616-5700  
Attorney Docket No. 216190

**Pages** Enter the total number of pages of the attached conveyance document including any attachments: 3**Application Number(s) or Patent Number(s)**

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

☐ Mark if additional numbers attached**Patent Application Numbers****Patent Numbers**

10/089,963

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties**

Enter the total number of properties involved:

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

**Method of Payment:**☐ Enclosed is a check in the amount of☒ Charge Deposit Account No. 12-1216Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Pamela J. Ruschau

June 24, 2003

Name of Person Signing

Signature

Date

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01 FC:8021

40.00 DA

Received from &lt;312 616 5700&gt; at 6/24/03 5:05:40 PM [Eastern Daylight Time]

**PATENT**  
**REEL: 014202 FRAME: 0775**

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Li Ding, a Chinese citizen of  
1 Wenlock Road  
Sale  
Manchester M33 3TR  
United Kingdom

James Edward Nuttall, a British citizen of  
3 Reeds Close  
Rawtenstall  
Rossendale  
Lancashire BB4 8ND  
United Kingdom

hereby sell, assign and transfer to:

Shimadzu Research Laboratory (Europe) Ltd.,  
Wharfside  
Trafford Wharf Road  
Manchester M17 1GP  
United Kingdom

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for a United States Letters Patent entitled:

Methods and Apparatus for Driving a Quadrupole Ion Trap Device

which was filed on April 8, 2002 and was amended on  
(hereinafter called the application);  
Serial Number: 10/089,963

- (ii) any and all inventions and improvement which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

-2-

The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

Signed at X Manchester, UK

This X 15<sup>th</sup> day of X April 2002

X Li Ding  
Li Ding

Signature of Witness:

X Dorothy Lumb

Name of Witness:

X DOROTHY LUMB

Address of Witness:

X 28 OLD ROAD  
WHALEY BRIDGE  
HIGH PEAK, DERBYSHIRE

Signature of Witness:

X Jennifer Broughton

Name of Witness:

X JENNIFER BROUGHTON

Address of Witness:

X 89 SILVERDALE RD,  
GATLEY, CHESTER,  
CHESHIRE, SK8 4RF

Signed at X MANCHESTER, U.K.

This X fifteenth day of April 2002

X James Edward Nuttall  
James Edward Nuttall

Signature of Witness:

X Dorothy Lumb

Name of Witness:

X DOROTHY LUMB

Address of Witness:

X 28 OLD ROAD  
WHALEY BRIDGE  
HIGH PEAK, DERBYSHIRE

Signature of Witness:

X Andrew Goelsthorpe

Name of Witness:

X Andrew Goelsthorpe

Address of Witness:

X Flat 10, Wolseley House  
Dangle Road, Sale,  
Cheshire, M33 7FR

Signed at

This \_\_\_\_\_ day of \_\_\_\_\_

Signature of Witness:

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Name of Witness:

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Address of Witness:

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Signature of Witness:

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Name of Witness:

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Address of Witness:

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